

Wednesday Webinar

October 5, 2016



**UTAH STATE BOARD
OF
EDUCATION**

SAGE Benchmark Module

-Teri Southam



UTAH STATE BOARD
OF
EDUCATION



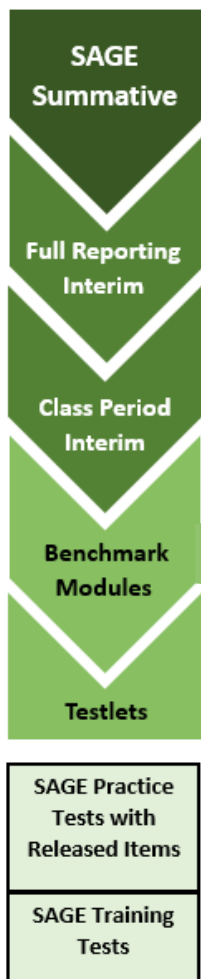
Benchmark Modules for 2016-2017

Purpose

- Determines whether or not students are on track to be proficient on individual reporting categories
- Predictive of performance on that reporting category of summative (correlation varies across benchmarks) if
 - Teachers don't teach specific items to students
 - Administered in a summative and secure manner
- Administered during the year to inform instruction on specific reporting categories of the standards

Are these required? No

- Districts or schools may require it locally or provide teachers an option to administer it if desired
- Can be used as a common assessment across classes or schools



Benchmark Modules for 2016-2017

SAGE Interim Item Bank

- Items follow all Utah SAGE item specifications, full Utah review process
- Fixed-form assessments
- Items aligned to specific reporting categories

Delivery Mechanism

- UTREx course enrollment controls student eligibility
- Administered through Secure Browser, TDS, TA Interface

Reporting

Benchmark Reporting System (New)

- Individual student data, class, school, district aggregates based on TIDE user role
- Proficiency levels based on Interim
- Item analysis tools where individual items and summary data can be seen
- Student responses can be viewed (including writing responses)

Benchmark Test Eligibility

- CHANGE! Benchmark eligibility is changing to be grade-based instead of course-based.
- Grades 9-12 will be eligible for Secondary Math 1, 2, 3, Earth Systems, Physics, Chemistry, Biology, as well as grade-level ELA and Writing.

The screenshot shows a software interface for configuring benchmark testing. At the top is an orange navigation bar with icons for Home, Users, Students, Test Settings and Tools, Rosters, and Test Windows. Below this is a teal sidebar with a 'Go to section:' label and two numbered buttons (1 and 2). The main content area has a teal header 'Benchmark Testing Grade' and a light blue sub-header 'Benchmark Testing Grade'. Below the sub-header are two dropdown menus: 'Mathematics: Grade 3' and 'Reading: Grade 3'.

Users ▾ Students ▾ Test Settings and Tools ▾ Rosters ▾ Test Windows

Go to section:
1
2

– Benchmark Testing Grade

Benchmark Testing Grade

Mathematics: Grade 3 ▾

Reading: Grade 3 ▾

Benchmark Test Eligibility

- TIDE will show grade eligibility. LEA admin and School admin can assign Benchmarks other than default grade-based assignment.
- Participation reports will not show number of students eligible.

The screenshot shows a web interface for configuring benchmark testing grades. At the top, there is a teal header bar with a minus icon and the text "Benchmark Testing Grade". Below this is a light blue bar with the same text. The main area is white and contains two labels: "Mathematics:" and "Reading:". The "Mathematics:" label is followed by a dropdown menu showing "Grade 3, Grade 5". The "Reading:" label is followed by a similar dropdown menu. A table with six rows and two columns is visible below the labels. The first column contains plus signs (+) and the second column is empty. A dropdown menu is open on the right side of the interface, showing a list of grades from Grade 3 to Grade 8. Each grade has a checkbox next to it. The "Select all" option is at the top of the list. The "Grade 3" and "Grade 5" options are checked.

Benchmark Testing Grade	
Mathematics:	Grade 3, Grade 5
Reading:	
+	
+	
+	
+	
+	

- ☐ Select all
- ☒ Grade 3
- ☐ Grade 4
- ☒ Grade 5
- ☐ Grade 6
- ☐ Grade 7
- ☐ Grade 8

Benchmark Cases and Cautions

Q: I want my students to take the Benchmark and the Interim.

A: The Benchmark Modules and Interim pull from the same bank. Students will possibly see the same questions. The predictive validity of the tests will be compromised.

Q: I want to challenge my students with the higher grade level tests.

A: If 4th grade class takes any of the 5th grade benchmarks, then predictive validity of the 5th grade interim the next year is compromised.

Q: I want to use the Benchmark as a pre-test and then post test.

A: Multiple forms of the Benchmarks are available to support pre-testing, post-testing and re-teaching. It is not recommended to give the same form multiple times, as teachers can use the items and class responses as part of instructional conversations.

Benchmark Cases and Cautions

Q: I want to practice the questions so my students feel comfortable with the Summative.

A: Practice tests, item tutorials and training tests are provided to help students learn how to navigate the SAGE system. Benchmarks are meant to be used to provide feedback on student learning.

Q: I want to preview the questions before my kids take the Benchmark Module.

A: If teachers preview items with students before they take the benchmark, then validity of student results is compromised.

Q: I want to use the Benchmarks to see where my students are struggling with content.

A: You are able to analyze your data on the AIR Ways system to see where students are struggling and see the question's specific.

Accessing Benchmark Modules

Welcome, Test Administrators!

This page provides access to the secure browser, technology manuals, training resources, and other SAGE resources.



1. On the SAGE portal select your user role.
2. Click the **SAGE Live Test Administration** card. The login page appears.
3. Enter your email address and password.
4. Click **Secure Login**. The Administrator Interface appears.

Administrator Interface Card



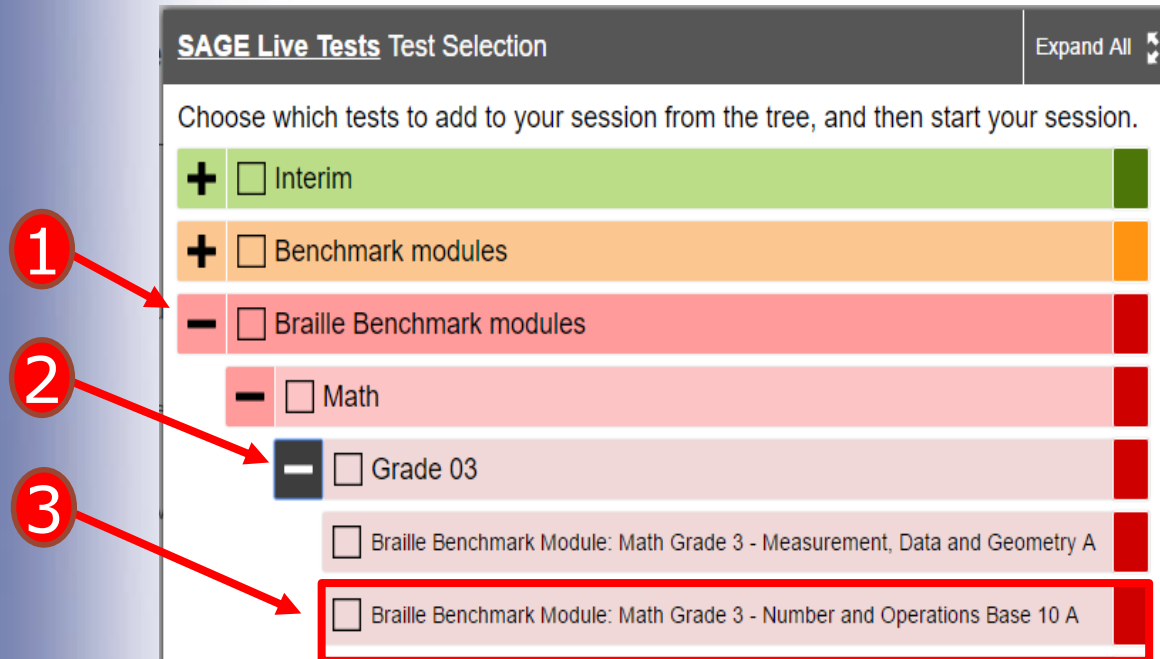
Accessing Benchmark Modules

5. The test selection screen will appear.
 - a. If you wish to administer the benchmarks, click the + on the orange benchmark modules section.
 - b. You may then choose the Subject, Grade and specific module you wish to administer. You may administer multiple benchmarks modules in a session, so all students in the session do not need to take the same assessment.
 - c. Click **Start Session**. The session ID appears at the top of the page.
6. Provide the session ID to the students signing in to your test session.

Administrator Interface: Select Tests, Start Session

The screenshot shows the 'SAGE Live Tests Test Selection' window. At the top, it says 'Choose which tests to add to your session from the tree, and then start your session.' Below this is a tree view with expandable sections: 'Summative' (blue), 'Interim' (green), and 'Benchmark modules' (orange). The 'Benchmark modules' section is expanded, showing a tree with 'Math' and 'Grade 03'. Under 'Grade 03', there are six specific benchmark modules listed, each with a checkbox: 'Benchmark Module: Math Grade 3 - Measurement, Data and Geometry A', 'Benchmark Module: Math Grade 3 - Measurement, Data and Geometry B', 'Benchmark Module: Math Grade 3 - Number and Operations Base 10 A', 'Benchmark Module: Math Grade 3 - Number and Operations Base 10 B', 'Benchmark Module: Math Grade 3 - Number and Operations Fractions A', and 'Benchmark Module: Math Grade 3 - Number and Operations Fractions B'. At the bottom of the window, there is a green button labeled 'Start SAGE Live Tests Session' and a grey button labeled 'Close'.

Accessing Braille Benchmark Modules



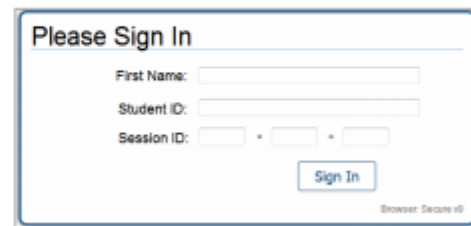
Braille: Separate from benchmark modules due to item functionality.

Secure Brower Login

The SAGE Secure Browser must be updated in order to administer SAGE Inteirm, Benchmark or Summative assessments during the 2016-2017 school year. Please visit <http://sageportal.org/browsers/> to access version 9 of the SAGE Secure Browser.

7. Have students sign in to the Secure Browser using their first name, SSID, and the session ID created above. For more information about the student login process, see the section [Error! Reference source not found.](#)




Student Interface: Sign In



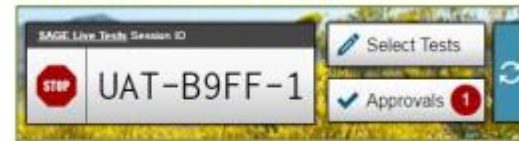
The screenshot shows a web interface titled "Please Sign In". It contains three input fields: "First Name:", "Student ID:", and "Session ID:". The "Session ID" field is split into three parts by asterisks. Below the fields is a "Sign In" button. In the bottom right corner, there is a small text label "Browser Secure v9".

Starting and Monitoring Test Sessions



8. Approve students for testing. When students select tests, the **Approvals** box in the upper-right corner of the Administrator Interface shows notifications. Click **Approvals** to view the list of students awaiting approval.
- To review and update a student's test settings and accommodations, click  in that student's row.
 - To approve an individual student for testing, click .
 - To deny a student for testing, click  and enter the reason in the box.
 - To approve all students for a given test or segment, click **Approve All Students** for that test or segment.

Administrator Interface: Approvals Pending



Administrator Interface: Approve Students






Administrator Interface: Student Test Settings

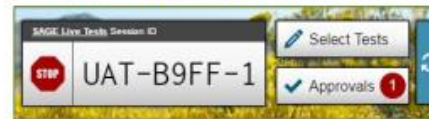


Approvals

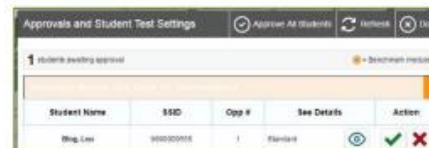
8. Approve students for testing. When students select tests, the **Approvals** box in the upper-right corner of the Administrator Interface shows notifications. Click **Approvals** to view the list of students awaiting approval.

- To review and update a student's test settings and accommodations, click  in that student's row.
- To approve an individual student for testing, click .
- To deny a student for testing, click  and enter the reason in the box.
- To approve all students for a given test or segment, click **Approve All Students** for that test or segment.

Administrator Interface: Approvals Pending



Administrator Interface: Approve Students



Administrator Interface: Student Test Settings



9. Monitor the students' progress throughout their tests. Students' test statuses appear in the Student Status column of the **Students in Your Test Session** table.

This column also displays the number of test questions the student has answered out of the total number of questions in the test.

Administrator Interface: Students Currently Testing



Testing and Stopping a Session


9. Monitor the students' progress throughout their tests. Students' test statuses appear in the Student Status column of the **Students in Your Test Session** table.

This column also displays the number of test questions the student has answered out of the total number of questions in the test.

Administrator Interface: Students Currently Testing

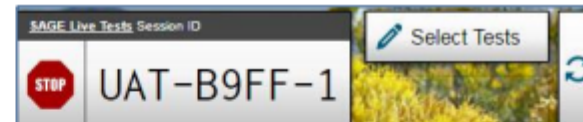


10. When the time is up, stop the test session and log out.

- Click  to stop the session and automatically pause any in-progress tests in your session.
- Click **Log Out** to exit the Administrator Interface.

Once you stop a session, you cannot resume it. If you stop a session and students need to continue testing, start a new session.

Administrator Interface: Stop Session



Student Results Page

The screenshot displays the SAGE Live Testing Site interface. At the top, a green header bar contains the SAGE logo on the left and a black box with the text "Windows 8.1 Pro x86" on the right. Below the header, a navigation bar shows "SAGE Live Testing Site" on the left and a user profile icon on the right. The main content area features a central box titled "Your Results" with the message "Your test was submitted. You may review the test details below." This box contains the following information: "Student Name: CYN, student (SSID: 7777773990)", "Test Name: Benchmark Module: ELA Grade 10 - Editing A", and "Test Completed On: 10/5/2016". Below this, it states "You have finished the test. You may now log out." A "Next Step:" section follows, instructing the user to "To log out of the test, select Log Out." and providing a "Log Out" button. At the bottom of the results box, a small disclaimer reads: "In accordance with the Family Educational Rights and Privacy Act (FERPA), the disclosure of personally identifiable information is prohibited by law." The bottom right corner of the page identifies the "Utah State Office of Education".

CYN, student (SSID: 7777773990) LIVE 8.0.0.4

SAGE

Windows 8.1 Pro x86

SAGE Live Testing Site

Your Results

Your test was submitted. You may review the test details below.

Student Name: CYN, student (SSID: 7777773990)

Test Name: Benchmark Module: ELA Grade 10 - Editing A

Test Completed On: 10/5/2016

You have finished the test. You may now log out.

Next Step:
To log out of the test, select **Log Out**.

Log Out

In accordance with the Family Educational Rights and Privacy Act (FERPA), the disclosure of personally identifiable information is prohibited by law.

Utah State Office of Education

Please note: Student do not receive an immediate score after the Benchmark modules. Teachers will need to access scores through AIR Ways.

Welcome, Assessment Directors!

This page provides access to AIR systems, assessment manuals, training resources, and other SAGE resources.



SAGE Live Test
Administration



AIR Ways
Reporting



Online Reporting
System (ORS)



TIDE



Training &
Practice Sites



SAGE Formative



Assessment
Director Resources

What is AIR Ways?

AIR Ways is a reporting system that provides teachers with detailed information on student performance on Benchmark Modules.

Dashboard

Filter by:

All Test Reasons

▼

Enter SSID

🔍

📄

Rows per page:

25

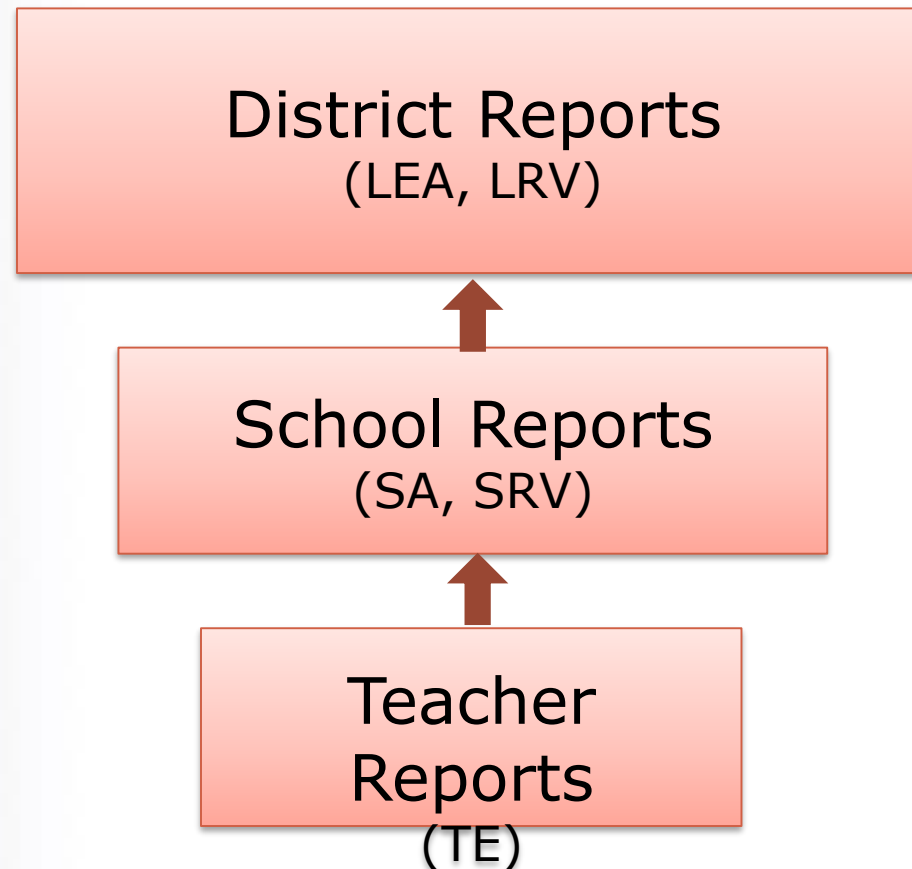
Average Score and Performance Distribution, by Assessment: Demo District, 2016-2017

Assessment Name	Test Reason	Student Count	Average Score	Performance Distribution	Date Last Taken
🔍 Benchmark Module: ELA Grade 9 - Editing A	Unassigned	5	218	<div> <div></div> <div></div> <div></div> <div></div> </div> <div>9% 38% 35% 18%</div> <div>📘</div>	09/20/2016
🔍 Benchmark Module: Science Life Science STD 2 C	Unassigned	7	759	<div> <div></div> <div></div> </div> <div>35% 65%</div> <div>📘</div>	09/19/2016
🔍 Benchmark Module: Science Life Science STD 2 B	Unassigned	19	761	<div> <div></div> <div></div> <div></div> </div> <div>12% 64% 18%</div> <div>📘</div>	09/19/2016

All Classes, by Student and Reporting Category: 2016-2017

Student	Student ID	Total	Score	5 Items on which Students Performed the Best					5 Items on which Students Performed the Worst					Total Items
				Item Numbers and Points Earned					Item Numbers and Points Earned					
				1	2	6	9	10	3	4	5	7	8	
Max Points		100		2	1	1	1	1	1	1	1	1	1	
Everyone		27		0.4	0.4	0.6	0.4	0.4	0.2	0.2	0	0.2	0.2	
🔍 Graff, Kane	9999999821	9		0	0	0	0	1	0	0	0	0	0	
🔍 Goudie, Kadi	9999999816	27		0	0	1	1	0	0	0	0	1	0	
🔍 Donaldson, Jess	9999550932	64		2	1	1	0	0	1	1	0	0	1	
🔍 Blog, Lou	9990009848	9		0	0	0	0	1	0	0	0	0	0	
🔍 Smith, Violet	9990009390	27		0	1	1	1	0	0	0	0	0	0	

Assessments and Data in AIR Ways



Summary of Benchmark Modules

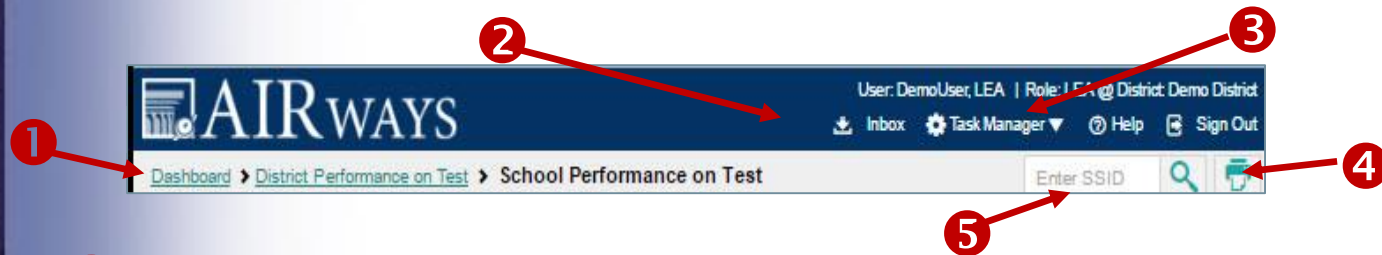
The follow PDFs include Benchmark module Subjects and Reporting Category summary. You will also find number of forms available and number of questions per module.

<http://sageportal.org/wp-content/uploads/Draft-Summary-for-ELA-Grades-3-11.pdf>

http://sageportal.org/wp-content/uploads/Draft-Summary-for-MATH_Grade-3-111.pdf

<http://sageportal.org/wp-content/uploads/Draft-Summary-for-Science-Grade-4-HS.pdf>

Header Bar and other features.








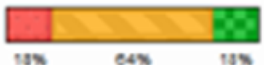



- 1 Navigation links: Current page and links to navigate to previous pages
- 2 Inbox: Location of saved reports
- 3 Task Manager: Where to manage rosters and create or manage Test or Class preferences
- 4 Print button: Print the current page or data associated with the page
- 5 SSID search: Search for an individual student by SSID

School (and District) Reports

Dashboard Filter by: All Test Reasons Enter SSID Rows per page: 25



Average Score and Performance Distribution, by Assessment: Demo District, 2016-2017

Assessment Name	Test Reason	Student Count	Average Score	Performance Distribution	Date Last Taken
 Benchmark Module: ELA Grade 9 - Editing A	Unassigned	5	218	 	09/20/2016
 Benchmark Module: Science Life Science STD 2 C	Unassigned	7	759	 	09/19/2016
 Benchmark Module: Science Life Science STD 2 B	Unassigned	19	761	 	09/19/2016

- ① Assessment label: Name of the assessment
- ② Student count: Number of students who took the specific test in your district/school
- ③ Student performance: Performance average for all students in your district or school who took the specific test.

School Performance on Test

Dashboard > District Performance on Test > School Performance





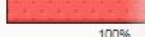
Enter SSID  

Performance by Class Performance by Student

Click on this tab to see a list of students in the school who took the specified assessment.

Rows per page: 25

Points Earned and Average Points Earned on **Benchmark Module: Math Grade 3 - Number and Operations Base 10 A**
Category: DEMO SCHOOL 1, 2016-2017

Teacher		Total	Total			
			Student Count	Test Completion Rate	Average Score	Performance
Max Points					404	Above Standard
Everyone			2		218 	 100%
 Roster	Pillai, Sree		2	0% (2/6914)	218 	 100%

This tab shows performance by each class or roster on the selected assessment

1

- 1

- 2


- 3

- 4

Teacher Dashboard

Specific
Assessments

Specific
Students

 **AIRWAYS**

User: DemoUser, TE1 | Role: TE @ School: Demo School 1




[Inbox](#) [Task Manager](#) [Help](#) [Sign Out](#)

Dashboard Filter by: All Classes All Test Reasons Enter SSID

My Assessments

Rows per page: 100

Average Score and Performance Distribution of All Classes, by Assessment: 2016-2017



Assessment Name	Test Reason	Student Count	Average Score	Date Last Taken
 Testlet: Math SM - Use Linear, Quadratic, and Exponential Functions B	Unassigned	15	67	09/13/2016
 Testlet: Math SM - Use Linear, Quadratic, and Exponential Functions A	Unassigned	18	55	09/13/2016
 Testlet: Math SM - Use Coordinates To Prove Geometric Theorems B	Unassigned	4	36	09/13/2016

460 Items: 1 of 5

My Students

Rows per page: 20

Most Recent Assessment of All Classes: 2016-2017

Student Name	Student ID	Most Recent Assessment	Date Taken
 Kim, Hany	9990009497	Benchmark Module: ELA Grade 9 - Editing A	09/20/2016
 Smith, Jane	9999550827	Benchmark Module: Science Life Science STD 2 C	09/19/2016

My Assessments Table

1 Assessment Name: list of all assessments that your students have taken.

2 Student Count: number of students who have taken the Assessment

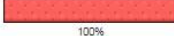
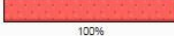
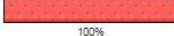
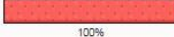
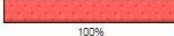

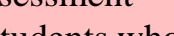
3 Average Score and Performance Distribution: how your students did on the specific assessment

4 Date Last Taken: last time one of your students took the assessment.

Dashboard Filter by: All Classes All Test Reasons Enter SSID 100

My Assessments

Average Score and Performance Distribution of All Classes, by Assessment: 2016-2017

Assessment Name	Test Reason	Student Count	Average Score	Performance Distribution	Date Last Taken
Benchmark Module: ELA Grade 5 - Listening A	Unassigned	1	205	 100%	09/22/2016
Benchmark Module: ELA Grade 11 - Literature B	Unassigned	1	195	 100%	09/22/2016
Benchmark Module: ELA Grade 11 - Listening A	Unassigned	1	330	 100%	09/22/2016
Benchmark Module: ELA Grade 7 - Listening A	Unassigned	1	192	 100%	09/22/2016
Benchmark Module: ELA Grade 7 - Informational B	Unassigned	1	366	 100%	09/22/2016
Benchmark Module: ELA Grade 7 - Informational B	Unassigned	1	366	 100%	09/22/2016
Testlet: Math G4 - Place Value and Properties of Operations A	Unassigned	1	100	 100%	09/22/2016

Click on the assessment name to view students who took that assessment.

My Students' Performance on Test

Score, Performance and Points Earned on **Benchmark Module: ELA Grade 6 - Editing A** (Unassigned) of All Classes, by Student and Reporting Category: 2016-2017

Student	Student ID	Total	Total		Total Items	Total Items		
			Score	Performance		Item Numbers and		
Max Points			642	Above Standard		1	2	3
Everyone			333	<div><div></div></div> 100%		1	1	0
Smith, Lisa	9999550310		210	Below Standard		1	1	0
Gomez, Layla	9990009286		612	Above Standard		1	1	0
Kim, Harry	9990009275		300	Below Standard		1	1	0
LeCroix, Frances	9990009269		298	Below Standard		1	1	0

Click on the points earned to view the student's response

- 1 Score and performance information for the class as a whole
- 2 Individual student's results scored

- 3 Item numbers
- 4 Student points

Student Portfolio

AIR Ways

USER: Teacher, Demo | Role: SA @ School: Training School

Dashboard > Student Portfolio

Filter by: All Test Reasons Enter SSID

Score and Performance, by Assessment and Test Reason: Demo, Demo, 2016-2017

Rows per page: 25

Assessment Name	Test Reason	My Student's Score	Average Score of My Students	Student Count	My Student's Performance	Performance Distribution of My Students	Date Last Taken
Benchmark Module: Writing Grade 3 Informative	Unassigned	110	110	1	Below Standard	100%	09/26/2016
Benchmark Module: Science Grade 4 Life Science Standard 5 A	Unassigned	794	795	1	Above Standard	100%	09/26/2016
Benchmark Module: Math Grade 4 - Number and Operations Base 10 A	Unassigned	369	370	1	At/Near Standard	100%	09/26/2016
Benchmark Module: ELA Grade 3 - Listening A	Unassigned					100%	09/26/2016

4 Items: 1 of 1

Click on an assessment, and then an item, to view a student's item response.

- 1 Compare Student's Score to Average Score of My Students
- 2 Compare Student's Performance to Performance Distribution of My Students

Performance by Student

Score, Performance and Points Earned on **Benchmark Module: Math Grade 3 - Measurement, Data and Geometry B** (Unassigned) of All Classes, by Student and Reporting Category: 2016-2017

Student	Student ID	Total	Performance	5 Items on which Students Perf...	5 Items on which Students Perf...	Total Items	Item Numbers and Points						
			Above Standard				1	1	1	1	1	1	1
Max Points							0	0	0	0	0	1	0
Everyone			100% (Below Standard)				0	0	0	0	0	1	0
Demo1. Student	9999550790		Below Standard				0	0	0	0	0	1	0

- 1 Student Name and Student ID: Name and ID number of the student
- 2 Student performance: Performance average for all students shown and for each student shown
- 3 Item Scores: These regions group items by how well or poorly the student did. This shows the 5 best and 5 worse as well as the total items. Clicking on the item score will show the item.

Item Response Information

- 1 Item label: Student name and item number and test
- 2 Details: Content alignment for the item being viewed
- 3 Item: Item as the student saw it and the student's response.
- 4 Rubric: Correct answer for the item.

Student, Demo Item 20 on Grade 7 Mathematics Training Test

Details

Topic: Grade 7 Mathematics Training Test

Content Alignment: Apply properties of operations as strategies to add, subtract, factor, and expand linear expressions with rational coefficients.

Item

20

A scientist is researching changes to a river's ecosystem. He believes something is destroying the food source of the fish in the river over time.

Use the Add Point tool to plot eight points to complete a scatter plot so that it supports the scientist's claim.

Effect on Fish Weight Over Time

Name	Description	Outcome
Assertion	The student plotted eight points on the graph, showing an overall decrease in weight over time.	false

Questions?

Thank You!

For additional information, refer to your *AIR Ways User Guide* located on your portal:

<http://sageportal.org/resources/?section=1-general-ad>

Or contact the SAGE help desk: sagehelpdesk@air.org